62–64.
———. *Vendor Shakeouts, Mergers, and Acquisitions: The Impact on User Organizations.* Fall 1987, 57–59.
Even-Tsur, D., and Shulman, D. *Designing Built-in System Controls.* Winter 1989, 28–36.

Fabian, Robert. *The Transformation of Computing: Riding the Wave.* Spring 1987, 87–89.
Farhoomand, Farzad, and Gatehouse, Mark. *Factors Influencing the Growth of the MIS Department: A Survey.* Spring 1988, 56–60.
Flynn, A. John, and Huggins, Lawrence P. *New Environments, New Organizations: Who Manages the Evolving MIS Challenge?* Winter 1989, 85–88.
Folea, Richard V. *Data Transformation—What's in a Name?* Spring 1987, 63–65.
Forcht, Karen A., Pierson, J.K., and Moates, William H. *Documentation Standards for User-Developed Applications.* Winter 1988, 78–80.
Forgionne, Guisseppi A. *A Strategy for Technology Management.* Winter 1988, 42–51.
Fried, Louis. *Motivating User Acceptance for Integrated Office Support Systems.* Summer 1986, 50–55.
———. *Rapid-Development Approaches to Application Design.* Spring 1984, 89–92.
Friedman, Rick. *Voice Store-and-Forward Technology: How It Works, and Who Should Use It.* Winter 1986, 46–49.
Friend, David. *Executive Information Systems: Successes and Failures, Insights and Misconceptions.* Fall 1986, 31–36.
Froehlich, Allan F. *An Annual Report for the Data Center.* Winter 1984, 40–46.
———. *Are You Operating or Managing Your Data Center?* Summer 1984, 88–90.
———. *Getting the Most from Data Center Service Agreements.* Winter 1985, 91–93.

Gallegos, Frederick, and Wright, David M. *Evaluating Data Security: The Initial Review.* Spring 1988, 8–15.
Gardner, Ella P., Carlson, Christopher K., and Ruth, Stephen R. *Technology-Driven Long-Range Planning.* Summer 1989, 24–29.
Gardner, Ella Paton, et al. *The Importance of Ethical Standards and Computer Crime Laws for Data Security.* Fall 1989, 42–50.
Gatehouse, Mark, and Farhoomand, Farzad. *Factors Influencing the Growth of the MIS Department: A Survey.* Spring 1988, 56–60.
George, Linda. *The MIS Manager's New Role as Effective Communicator.* Fall 1987, 68–71.
Gibson, Michael L., and Cross, Bob. *Dinosaurs of the Information World.* Summer 1987, 57–60.
Gibson, Michael L., Snyder, Charles A. and Carr, Houston H. *Implementing a Corporatewide Information Strategy Through CASE.* Summer 1990, 8–17.
Gibson, Michael L., and Vedder, Richard G. *Tools and Techniques for Use in Decision Support Systems.* Spring 1989, 42–50.
Gilbert, Kenneth C., Reeve, James M. and Wannemacher, Richard A. *Improving Information System Efficiency Through Statistical Process Control.* Spring 1990, 8–14.
Gilhooley, Ian A. *Managing for Productivity and Control.* Summer 1986, 70–73.
———. *A Methodology for Productivity Systems Development.* Winter 1986, 36–41.
———. *The Personnel Touch.* Summer 1985, 68–69.
———. *Productive Systems Development with Prototyping.* Spring 1987, 15–22.
Gitomer, Jerry. *Achieving Optimum Mainframe Performance with Front-End Communications Processors.* Winter 1985, 57–62.
———. *Artificial Intelligence.* Winter 1986, 58–60.
———. *Determining Who Will Benefit from Visual Interfaces.* Winter 1987, 85–87.
———. *Evaluating OS/2.* Winter 1988, 72–73.
———. *LANs—Today and Tomorrow.* Summer 1987, 78–81.
———. *Measuring System Performance with Software Monitors.* Summer 1984, 50–55.
———. *Seamless Systems Integration.* Summer 1989, 77–80.
———. *Supercomputers: Influencing Tomorrow's General-Purpose Hardware.* Summer 1986, 74–76.
Gogan, Janis L., and Porter, Leslie R. *Coming to Terms with End-User Systems Integration.* Winter 1988, 8–16.
Gongla, Patricia, et al. *Business Strategy Advisor: An Expert Systems Implementation.* Spring 1989, 16–24.
Gordon, Gil E. *Telecommuting: Planning for a New Work Environment.* Summer 1986, 37–44.
Gottesman, Kyra. *The Reality of Voice Processing: Applications Span a Range of Industries.* Winter 1989, 73–77.
Gottfried, Ira S. *IS Management Problems: Cause and Effect.* Fall 1988, 76–77.
———. *When Disaster Strikes.* Spring 1989, 86–89.
Gray, Paul. *Examining End-User Computing.* Winter 1988, 84–85.
———. *Expert Systems and Groupware.* Spring 1989, 90–92.
———. *Guides to End-User Computing.* Winter 1990, 90–93.
———. *Hot Topics.* Fall 1987, 74–75.
———. *Of Dollars and CASE.* Fall 1989, 84–86.
———. *Of Nets and Nits.* Summer 1990, 79–82.
———. *Real Life and Executive Life.* Fall 1990, 82–86.
———. *Setting the MIS Course.* Spring 1987, 90–91.
———. *Strategy, Strategy, Strategy.* Summer 1988, 85–87.
———. *Systems Analysis and Design.* Winter 1989, 89–90.
———. *To the Top and Forward in Time.* Fall 1988, 81–83.
———. *Videos and Objects.* Spring 1990, 77–80.
Griesmer, Steve. *Innovative Computing with UNIX.* Fall 1987, 8–19.
Grupe, Fritz H. *Geographic Information Systems: An Emerging Component of Decision Support.* Summer 1990, 74–78.
Guerrieri, John A., Jr. *How to Develop Effective RFPs.* Fall 1984, 40–47.
Guimaraes, Tor. *The Benefits and Problems of User Computing.* Fall 1984, 3–9.
Guimaraes, Tor, and Lu, Ming-te. *A Guide to Selecting Expert Systems Applications.* Spring 1989, 8–15.
Guimaraes, Tor, Weinberg, Randy, and Heath, Richard. *Object-Oriented Systems Development.* Fall 1990, 18–26.
Guynes, Jan L., Guynes, C. Stephen, and Thorn, Ron G. *Strategic and Operational Issues for the Successful Information Center.* Spring 1990, 15–22.
———. *The Impact of Transborder Data Flow Regulation.* Summer 1990, 70–73.
Guynes, C. Stephen, Thorn, Ron G. and Guynes, Jan L. *Strategic and Operational Issues for the Successful*

62–64.
———. *Vendor Shakeouts, Mergers, and Acquisitions: The Impact on User Organizations.* Fall 1987, 57–59.
Even-Tsur, D., and Shulman, D. *Designing Built-in System Controls.* Winter 1989, 28–36.

Fabian, Robert. *The Transformation of Computing: Riding the Wave.* Spring 1987, 87–89.
Farhoomand, Farzad, and Gatehouse, Mark. *Factors Influencing the Growth of the MIS Department: A Survey.* Spring 1988, 56–60.
Flynn, A. John, and Huggins, Lawrence P. *New Environments, New Organizations: Who Manages the Evolving MIS Challenge?* Winter 1989, 85–88.
Folea, Richard V. *Data Transformation—What's in a Name?* Spring 1987, 63–65.
Forcht, Karen A., Pierson, J.K., and Moates, William H. *Documentation Standards for User-Developed Applications.* Winter 1988, 78–80.
Forgionne, Guisseppi A. *A Strategy for Technology Management.* Winter 1988, 42–51.
Fried, Louis. *Motivating User Acceptance for Integrated Office Support Systems.* Summer 1986, 50–55.
———. *Rapid-Development Approaches to Application Design.* Spring 1984, 89–92.
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Friend, David. *Executive Information Systems: Successes and Failures, Insights and Misconceptions.* Fall 1986, 31–36.
Froehlich, Allan F. *An Annual Report for the Data Center.* Winter 1984, 40–46.
———. *Are You Operating or Managing Your Data Center?* Summer 1984, 88–90.
———. *Getting the Most from Data Center Service Agreements.* Winter 1985, 91–93.

Gallegos, Frederick, and Wright, David M. *Evaluating Data Security: The Initial Review.* Spring 1988, 8–15.
Gardner, Ella P., Carlson, Christopher K., and Ruth, Stephen R. *Technology-Driven Long-Range Planning.* Summer 1989, 24–29.
Gardner, Ella Paton, et al. *The Importance of Ethical Standards and Computer Crime Laws for Data Security.* Fall 1989, 42–50.
Gatehouse, Mark, and Farhoomand, Farzad. *Factors Influencing the Growth of the MIS Department: A Survey.* Spring 1988, 56–60.
George, Linda. *The MIS Manager's New Role as Effective Communicator.* Fall 1987, 68–71.
Gibson, Michael L., and Cross, Bob. *Dinosaurs of the Information World.* Summer 1987, 57–60.
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———. *A Methodology for Productivity Systems Development.* Winter 1986, 36–41.
———. *The Personnel Touch.* Summer 1985, 68–69.
———. *Productive Systems Development with Prototyping.* Spring 1987, 15–22.
Gitomer, Jerry. *Achieving Optimum Mainframe Performance with Front-End Communications Processors.* Winter 1985, 57–62.
———. *Artificial Intelligence.* Winter 1986, 58–60.
———. *Determining Who Will Benefit from Visual Interfaces.* Winter 1987, 85–87.
———. *Evaluating OS/2.* Winter 1988, 72–73.
———. *LANs—Today and Tomorrow.* Summer 1987, 78–81.
———. *Measuring System Performance with Software Monitors.* Summer 1984, 50–55.
———. *Seamless Systems Integration.* Summer 1989, 77–80.
———. *Supercomputers: Influencing Tomorrow's General-Purpose Hardware.* Summer 1986, 74–76.
Gogan, Janis L., and Porter, Leslie R. *Coming to Terms with End-User Systems Integration.* Winter 1988, 8–16.
Gongla, Patricia, et al. *Business Strategy Advisor: An Expert Systems Implementation.* Spring 1989, 16–24.
Gordon, Gil E. *Telecommuting: Planning for a New Work Environment.* Summer 1986, 37–44.
Gottesman, Kyra. *The Reality of Voice Processing: Applications Span a Range of Industries.* Winter 1989, 73–77.
Gottfried, Ira S. *IS Management Problems: Cause and Effect.* Fall 1988, 76–77.
———. *When Disaster Strikes.* Spring 1989, 86–89.
Gray, Paul. *Examining End-User Computing.* Winter 1988, 84–85.
———. *Expert Systems and Groupware.* Spring 1989, 90–92.
———. *Guides to End-User Computing.* Winter 1990, 90–93.
———. *Hot Topics.* Fall 1987, 74–75.
———. *Of Dollars and CASE.* Fall 1989, 84–86.
———. *Of Nets and Nits.* Summer 1990, 79–82.
———. *Real Life and Executive Life.* Fall 1990, 82–86.
———. *Setting the MIS Course.* Spring 1987, 90–91.
———. *Strategy, Strategy, Strategy.* Summer 1988, 85–87.
———. *Systems Analysis and Design.* Winter 1989, 89–90.
———. *To the Top and Forward in Time.* Fall 1988, 81–83.
———. *Videos and Objects.* Spring 1990, 77–80.
Griesmer, Steve. *Innovative Computing with UNIX.* Fall 1987, 8–19.
Grupe, Fritz H. *Geographic Information Systems: An Emerging Component of Decision Support.* Summer 1990, 74–78.
Guerrieri, John A., Jr. *How to Develop Effective RFPs.* Fall 1984, 40–47.
Guimaraes, Tor. *The Benefits and Problems of User Computing.* Fall 1984, 3–9.
Guimaraes, Tor, and Lu, Ming-te. *A Guide to Selecting Expert Systems Applications.* Spring 1989, 8–15.
Guimaraes, Tor, Weinberg, Randy, and Heath, Richard. *Object-Oriented Systems Development.* Fall 1990, 18–26.
Guynes, Jan L., Guynes, C. Stephen, and Thorn, Ron G. *Strategic and Operational Issues for the Successful Information Center.* Spring 1990, 15–22.
———. *The Impact of Transborder Data Flow Regulation.* Summer 1990, 70–73.
Guynes, C. Stephen, Thorn, Ron G. and Guynes, Jan L. *Strategic and Operational Issues for the Successful*

Information Center. Spring 1990, 15–22.
———. *The Impact of Transborder Data Flow Regulation.* Summer 1990, 70–73.

Hansen, Gary W. *Avoiding the Pitfalls of Installing Vertical Market Software.* Spring 1986, 43–48.
Hatoun, Tony. *The Data Consistency Conundrum: Deferred Versus Immediate Checking.* Summer 1989, 65–67.
Hayley, Kathryn J. *CIO Challenges in the Changing MIS Environment.* Summer 1989, 8–13.
Hayley, Kathryn J., and Lyman, H. Thaine. *The Realities of CASE.* Summer 1990, 18–23.
Hearn, Steve. *A New Challenge: The Information Center.* Winter 1984, 16–23.
Heath, Richard, Weinberg, Randy, and Guimaraes, Tor. *Object-Oriented Systems Development.* Fall 1990, 18–26.
Held, Gilbert. *An Illuminating Look at Fiber-Optic Transmission Systems.* Winter 1987, 39–47.
Hellebust, Kent A. *Creating a Strategic Alliance with Information Technology Suppliers.* Winter 1988, 32–37.
Highsmith, Jim. *Structured Systems Planning.* Spring 1987, 27–33.
Hoffman, Paul S. *What You Need to Know About Software Contracts.* Winter 1985, 3–6.
Houghton, Raymond C., Jr. *Designing User Interfaces: A Key to System Success.* Summer 1986, 56–62.
Houston, Gerald W. *Planning for the Solid-State Millennium.* Spring 1988, 39–44.
Hsieh, Chang-tseh, and Lin, Engming. *Dysfunctional User Behavior in Systems Development.* Winter 1990, 87–89.
Huff, Sid L. *DSS Development: Promise and Practice.* Fall 1986, 8–15.
Huff, Sid L., and Munro, Malcolm C. *Managing Micro Proliferation.* Fall 1989, 72–75.
Huffaker, Debra. *Prototyping Business Applications Within the Traditional Life Cycle.* Fall 1986, 71–74.
Huggins, Lawrence P. *Robotics: The Coming Challenge for MIS Managers.* Fall 1985, 3–7.
Huggins, Lawrence P., and Flynn, A. John. *New Environments, New Organizations: Who Manages the Evolving MIS Challenge?* Winter 1989, 85–88.
Hurtado-Sanchez, Luis. *A Systematic Approach to Long-Term Planning for OA Implementation.* Summer 1985, 26–34.
Hutcheson, Lynn D. *Optical Computing. Evolution or Revolution?* Spring 1988, 83–89.
Huttinger, James L., et al. *Selecting Workstations, Using a Cost-Benefit DSS.* Fall 1986, 16–24.

Inmon, William H. *The Hardware/Personnel Cost Relationship: Separating Fact from Fancy.* Spring 1987, 48–53.
International Resource Development Inc. *The Growth of the Third-Party Maintenance Industry.* Winter 1988, 38–41.

Jackson, Leon. *Organizing for the Merging Technologies in Information Management.* Winter 1987, 88–90.
James, Philip N. *Accommodating Unique User Needs.* Spring 1988, 90–91.
———. *Avoiding the 10 Common Pitfalls in Office Automation.* Summer 1984, 3–12.
———. *The Fine Art of Communicating.* Spring 1987, 70.
———. *Investing in People: A New Management Commitment.* Fall 1986, 58–60.
———. *The Support Infrastructure.* Fall 1987, 66–67.
———. *What Is the User Interface?* Spring 1986, 52–53.
Jones, Steve T. *Solving Hardware and Software Problems with User Groups.* Fall 1984, 17–22.

Kagan, Albert, and Sobol, Marion G. *Which Systems Analysts Are More Likely to Prototype?* Summer 1989, 36–43.
Kallman, Ernest A., and McKinnon, William P. *Case Study: Evaluating IS by Using an Executive Information System.* Fall 1989, 58–68.
Kanter, Jerry. *Information Literacy for the CEO.* Winter 1988, 52–57.
Karten, Naomi. *The Myth of the Sophisticated User.* Winter 1988, 81–83.
———. *Staffing to Support End-User Computing in the 1990s.* Summer 1990, 67–69.
Keider, Stephen P. *Why Systems Development Projects Fail.* Summer 1984, 33–38.
Kennedy, Andrew J., and Yen, David C. *Enhancing a DBMS Through the Use of an Expert System.* Spring 1990, 55–61.
Khan, M.B. *Planning the Integration of Information Technology into Business Curricula.* Summer 1988, 49–54.
———. *A Practical Software Configuration Management Plan.* Winter 1986, 42–45.
Khan, M.B., and Kukalis, Sal. *MIS Budget Cutbacks: Alternative Actions for MIS Managers.* Fall 1989, 30–35.
Khosrowpour, Mehdi, and Lanasa, John M. *MIS Professionals' Attitudes Toward and Perceptions of 4GLs.* Fall 1989, 51–57.
King, John Leslie. *Budgeting for the IS Function.* Spring 1989, 83–85.
———. *The Changing Political Economy of Chargeout Systems.* Spring 1988, 65–67.
———. *Considering Costs in Networking.* Fall 1987, 64–65.
———. *Coping with the Perils of Expanding PC Use.* Fall 1986, 66–70.
———. *The Economics of UNIX.* Winter 1990, 80–86.
———. *Investing in Alternative Computing Trajectories.* Spring 1987, 71–72.
Kirby, Edward. *Project Management for a Change.* Spring 1984, 85–88.
Kleinberg, Eugene R. *Strategies for Effective Microcomputer Management.* Winter 1986, 27–35.
Klenk, Robert. *The Benefits and Pitfalls of the Microcomputer-Mainframe Link.* Spring 1985, 3–9.
Klingler, Daniel E. *Documentation of Structured Software Development.* Fall 1987, 30–38.
———. *The Ten Commandments of Prototyping.* Summer 1988, 66–72.
Kozar, Kenneth A., and Severson, Eric. *A Business Approach to Cracking the Applications Backlog.* Winter 1988, 17–21.
Krasowski, Michael D. *The Power of the Relational Model.* Summer 1988, 73–78.
Kukalis, Sal, and Khan, M.B. *MIS Budget Cutbacks: Alternative Actions for MIS Managers.* Fall 1989, 30–35.

Labovitz, Judy, and Tamm, Edward. *Building an Information Culture—A Case Study.* Fall 1987, 39–41.
Lam, Shui. *Organizational Factors Affecting Capacity*

Planning Practices. Fall 1987, 42–48.
Lanasa, John M., and Khosrowpour, Mehdi. *MIS Professionals' Attitudes Toward and Perceptions of 4GLs.* Fall 1989, 51–57.
Lautsch, John C. *Information Privacy and the MIS Manager.* Spring 1985, 79–87.
Lazowska, Edward D. *Better Capacity Planning with Network Queueing Models.* Fall 1984, 48–57.
Lederer, Albert L., and Putnam, Andrew G. *Bridging the Gap: Connecting Systems Objectives to Business Strategy with BSP.* Summer 1987, 40–46.
Lee, Kyoung-Sang, et al. *Business Strategy Advisor: An Expert System Implementation.* Spring 1989, 16–24.
Lehman, John A., and Wetherbe, James C. *A Survey of 4GL Users and Applications.* Summer 1989, 44–52.
Leitheiser, Robert L., and Wetherbe, James. *Approaches to End-User Computing: Service May Spell Success.* Winter 1986, 9–14.
Lemos, Ronald S. *The MIS Education Crisis: 10 Steps for Industry.* Spring 1985, 24–30.
Leventhal, Naomi. *Making Automation Fit the Office.* Winter 1986, 22–26.
Levin, David P. *Needs Assessment in Data Communications Networking.* Summer 1984, 56–65.
Licker, Paul S. *Breaking Down the Wall: MIS-User Job Rotation.* Spring 1985, 10–16.
Liebowitz, Jay. *An Expert Systems Forecast.* Spring 1990, 69–72.
Lin, Chang-Yang. *User-Friendly Applications Development in a Relational Data Base Environment.* Spring 1988, 45–48.
Lin, Engming, and Hsieh, Chang-tseh. *Dysfunctional User Behavior in Systems Development.* Winter 1990, 87–89.
Lin, Hsin-Hui, and Chu, Chao-Hsien. *Evaluating Microcomputer DBMSs.* Spring 1989, 69–75.
Loev, Gerald, and Mangurian, Glenn E. *Alternatives to Replacing Obsolete Systems.* Fall 1984, 89–93.
Lu, Ming-te, and Guimaraes, Tor. *A Guide to Selecting Expert Systems Applications.* Spring 1989, 8–15.
Lyman, H. Thaine, and Hayley, Kathryn J. *The Realities of CASE.* Summer 1990, 18–23.
Lynch, Daniel C. *The Transition from TCP/IP to OSI.* Fall 1990, 48–52.
Lynch, Richard K. *The Impact of Packaged Software on User/Vendor Life Cycle Concepts.* Spring 1987, 34–40.
———. *Nine Pitfalls in Implementing Packaged Application Software.* Spring 1985, 88–92.

Mangurian, Glenn E., and Loev, Gerald. *Alternatives to Replacing Obsolete Systems.* Fall 1984, 89–93.
Mann, Robert I., and Watson, Hugh J. *Expert Systems: Past, Present, and Future.* Fall 1988, 39–46.
Massey, David. *Liability for Failed Software.* Fall 1988, 47–53.
Mazursky, Alan D. *Acquiring and Using Microcomputers.* Winter 1984, 47–57.
———. *Closed-Architecture Systems.* Summer 1989, 73–76.
———. *Corporate Policies for Effective Microcomputer Use.* Summer 1984, 82–84.
———. *New Trends in Microcomputer Support.* Summer 1985, 46–47.
———. *On Managing Change.* Winter 1985, 67–72.
———. *Staffing the Microcomputer Resource Center.* Fall 1984, 74–77.
———. *Toward Understanding the Microcomputer Management Function.* Spring 1984, 82–84.
McConnell, Vicki. *Building the End-User Interface.* Fall 1984, 78–84.
McElroy, Mark. *The Case for Transferring Word Processing to PCs.* Summer 1987, 47–53.
McKinnon, William P., and Kallman, Ernest A. *Case Study: Evaluating IS by Using an Executive Information System.* Fall 1989, 58–68.
McLean, Ephraim R., and Wilkes, Ronald B. *Computer Operations: A Case of Management Neglect.* Spring 1990, 73–76.
McMillan, Thomas C., and Moran, Bryan P. *Programmer Training and Development for the Small Shop.* Summer 1986, 31–36.
Meador, Jo Guasasco. *Building a Business Information Model.* Fall 1990, 42–47.
Mentzer, John W. *A Challenging View of Data Center Operations Management.* Winter 1986, 76–77.
———. *Choosing the Best Workweek for the Data Center.* Summer 1985, 55–58.
———. *Paving the Way for Productivity Improvement.* Winter 1987, 82–84.
Metz, Galen. *User-Friendly Controls in the Information Center.* Spring 1988, 25–31.
Meyer, N. Dean, and Bulyk, John C. *Improving Meeting Effectiveness Through Augmented Support.* Summer 1985, 63–67.
Millar, Victor E. *Five Steps to Using Information for Competitive Advantage.* Spring 1986, 69–72.
Miller, Robert D. *Achieving CIM Through Mastery of the Basics.* Summer 1987, 74–77.
Mills, Dale S. *Marketing Information Systems' Potential to Senior Management.* Winter 1990, 76–79.
Moates, William H., Pierson, J.K., and Forcht, Karen A. *Documentation Standards for User-Developed Applications.* Winter 1988, 78–80.
Mohr, Joseph H., and Ruckh, Patrick. *Fighting Computer Crime with Software Risk Analysis.* Spring 1984, 9–17.
Monger, Rod F. *AI Applications: What's Their Competitive Potential?* Summer 1988, 19–25.
Montgomery, Judith, and Atkinson, Robert A. *Reshaping IS Strategic Planning.* Fall 1990, 9–17.
Moody, H. Gerald. *How to Select the Right Small Computer.* Spring 1984, 25–36.
Moran, Bryan P., and McMillan, Thomas C. *Programmer Training and Development for the Small Shop.* Summer 1986, 31–36.
Morino, Mario M. *Evaluating the Effectiveness of the IS Management Support System.* Summer 1988, 55–59.
———. *Managing and Coping with Change: An IS Challenge.* Winter 1988, 74–77.
———. *Managing MIS Like a Business.* Fall 1987, 76–78.
Moss, Clifton L., Jr. *The Information Systems Plan and the Data Base Plan.* Summer 1984, 20–26.
Moynihan, John A. *Propositions for Building an Effective Process.* Spring 1988, 61–64.
Munro, Malcolm C., and Huff, Sid L. *Managing Micro Proliferation.* Fall 1989, 72–75.
Murray, Richard J. *Are You an IT Leader or an IT Laggard?* Fall 1990, 70–77.
Mushet, Mike. *Application Systems Planning.* Winter 1985,

50–56.
———. *Life After Implementation: Managing System Maintenance.* Spring 1984, 55–65.
———. *Standardizing Online Systems Architecture.* Spring 1987, 8–14.

Necco, Charles R. *Evaluating Methods of Systems Development: A Management Survey.* Winter 1989, 8–16.
Nelson, R. Ryan, Alavi, Maryam, and Weiss, Ira R. *Managing End-User Computing as a Value-Added Resource.* Summer 1988, 26–35.
Novak, Jonathan B. *Personnel Management: Personal Styles and Behavior Patterns.* Winter 1989, 44–54.
Novotny, Eric J. *An International Perspective on Digital Communications.* Spring 1984, 72–75.

Oliver, Paul. *Approaches to Software Engineering.* Summer 1985, 11–19.
O'Riordan, P. Declan. *The CIO: MIS Makes Its Move into the Executive Suite.* Summer 1987, 54–56.
Orli, Richard J. *Adopting Noncommercial Application Software.* Winter 1989, 55–60.
Orli, Richard J., and Tom, Jonathan C. *If It's Worth More Than It Costs, Buy It!* Summer 1987, 85–89.
Osborne, Wilma M. *All About Software Maintenance: 50 Questions and Answers.* Summer 1988, 36–43.
O'Shea, Timothy J. *Low-Cost Approaches to Executive Information Systems.* Spring 1989, 34–41.
Oullette, L. Paul, and Arnoudse, Donald. *Staffing the Information Center for Long-Term Success.* Winter 1986, 78–80.
Owen, Darrell. *Management Information Delivery Systems: A Practical How-to.* Fall 1985, 43–49.

Painter, William J. *Introducing Micros into Large Organizations—A Checklist of Problems and Solutions.* Winter 1988, 29–31.
Parker, Donn B. *Ethics for Information Systems Personnel.* Summer 1988, 44–48.
Parker, Marilyn M., and Benson, Robert J. *Enterprisewide Information Economics: Latest Concepts.* Fall 1989, 7–13.
———. *Enterprisewide Information Management: State-of-the-Art Strategic Planning.* Summer 1989, 14–23.
Parkinson, Richard. *The Dimension System 85 PBX.* Summer 1984, 76–81.
———. *The New ATTIS and NTI Approach to Integrating Voice and Data.* Fall 1985, 69–73.
———. *Straight Talk on Digital Communications.* Winter 1987, 18–28.
Perkins, William M., and Ward, Gerald M. *A Three-Step Approach to Microcomputer Security Controls.* Spring 1985, 17–23.
Perry, William E. *Can Management Rely on the MIS Quality Assurance Group?* Fall 1985, 67–68.
———. *How to Maintain Control in the Data Base Environment.* Spring 1984, 46–54.
———. *The Relationship Between EDP Audit and Quality Assurance.* Winter 1984, 90–92.
Perryman, Polly. *Translating Technical Data into Effective User Manuals.* Summer 1985, 35–38.
Peterson, Robert O. *The Importance of Setting IS Objectives.* Winter 1989, 61–64.
Pierson, J.K., Forcht, Karen A., and Moates, William H. *Documentation Standards for User-Developed Applications.* Winter 1988, 78–80.
Pliskin, Nava. *Human Resource Management: Guidelines for Effective Introduction of Microcomputer Technology.* Spring 1989, 51–58.
Porter, Leslie R., and Gogan, Janis L. *Coming to Terms with End-User Systems Integration.* Winter 1988, 8–16.
Putnam, Andrew G., and Lederer, Albert L. *Bridging the Gap: Connecting Systems Objectives to Business Strategy with BSP.* Summer 1987, 40–46.

Raho, Louis E., and Belohav, James A. *Strategic Thinking and the Personal Computer: Some Policy Considerations.* Fall 1986, 52–57.
Rainer, Rex Kelly, Jr., Carr, Houston H., and Young, Dale. *MIS's Role in Determining Information Center Services.* Spring 1990, 33–40.
Ravindra, Palangala S. *Data Administration: An Old Function Adapts to Its New Role.* Fall 1986, 47–51.
———. *Data Administration Interfaces.* Summer 1987, 71–73.
———. *The Shared Benefits of Data Administration.* Winter 1987, 74–75.
Reck, Robert H., and Hall, James R. *Executive Information Systems: An Overview of Development.* Fall 1986, 25–30.
Reeve, James M., Gilbert, Kenneth C., and Wannemacher, Richard A. *Improving Information System Efficiency Through Statistical Process Control.* Spring 1990, 8–14.
Reid, Richard A., and Bullers, William I. *Management Systems: Four Options, One Solution.* Spring 1987, 54–62.
Render, Barry, et al. *The Importance of Ethical Standards and Computer Crime Laws for Data Security.* Fall 1989, 42–50.
Rini, Nick C. *Cost Justifying an Automated Change Control System.* Winter 1990, 73–75.
Roberts, John W. *Systems Support of Just-in-Time Manufacturing.* Winter 1990, 22–29.
Ross, Steven J., and Chalmers, Leslie. *Passwords, User-IDs, and Security Codes.* Spring 1988, 16–24.
Ruckh, Patrick, and Mohr, Joseph H. *Fighting Computer Crime with Software Risk Analysis.* Spring 1984, 9–17.
Ruhl, Janet. *An MIS Manager's Guide to Hiring Programmers.* Spring 1990, 47–54.
Ruth, Stephen R., Carlson, Christopher K., and Gardner, Ella P. *Technology-Driven Long-Range Planning.* Summer 1989, 24–29.
Ryan, Hugh W. *Assessing the Risk of New Technology.* Winter 1990, 68–72.
———. *Budgets, Blood, and Turnips.* Fall 1989, 76–80.
———. *The Emergence of the Comprehensive Information Management System.* Winter 1987, 63–70.
———. *Experimenting with the Envelope.* Spring 1988, 72–79.
———. *The Management Cycle: The Key to Control.* Spring 1990, 62–65.
———. *Productivity Through Automation.* Fall 1990, 57–60.
———. *Professional Workstations: Just Inside the Edge of the Envelope.* Fall 1988, 64–70.
———. *Professional Workstations: Serenity at the Edge of the Envelope.* Spring 1989, 59–65.
———. *Pushing the Outside of the Envelope.* Spring 1987,

73–75.
———. *What Envelope?* Fall 1987, 52–56.
———. *Why CASE Is Not a Cure for Testing.* Summer 1990, 63–66.

Sakamoto, J. Gene, et al. *Business Strategy Advisor: An Expert Systems Implementation.* Spring 1989, 16–24.
Salameh, Tamer T., and Trippi, Robert R. *Strategic Information Systems: Current Research Issues.* Summer 1989, 30–35.
Samuels, Linda B., et al. *The Importance of Ethical Standards and Computer Crime Laws for Data Security.* Fall 1989, 42–50.
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Schrager, Stanley, and Delaney, Chester. *Human Resource Planning: A Business Necessity.* Summer 1986, 51–54.
Schuff, Fred. *Coding Software—The Right Way.* Winter 1987, 76–81.
Schumann, Matthias. *Methods of Quantifying the Value of Office Automation.* Fall 1989, 20–29.
Schumann, Matthias, et al. *Business Strategy Advisor: An Expert Systems Implementation.* Spring 1989, 16–24.
Schussel, George. *DBMS and 4GL Technology: Pressing Questions—and Answers.* Fall 1986, 82–87.
Schuster, Dennis R., and Dunn, Kenneth L. *Running the Information Systems Organization Like a Business.* Spring 1986, 35–39.
Scoma, Louis, Jr. *Developing a Healthy Security Posture.* Winter 1986, 61–63.
———. *Protecting Privacy of Information.* Summer 1986, 79–80.
———. *Security Policy in the PC Environment.* Spring 1987, 85–86.
Severson, Eric, and Kozar, Kenneth A. *A Business Approach to Cracking the Applications Backlog.* Winter 1988, 17–21.
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Sibley, Edgar H. *How to Select and Evaluate a DBMS.* Spring 1985, 40–49.
Sinclair, Stuart W. *The Three Domains of Information Systems Planning.* Spring 1986, 8–16.
Slone, John P. *Broadband LANs: Do the Advantages Outweigh the Limitations?* Summer 1986, 45–49.
Smith, Daniel L. *Managing for Quality Data Processing.* Spring 1986, 40–42.
Smith, Peter M. *A Prototyping Case Study.* Summer 1985, 20–25.
Snyder, Charles A., Carr, Houston H., and Gibson, Michael L. *Implementing a Corporatewide Information Strategy Through CASE.* Summer 1990, 8–17.
Sobol, Marion G., and Kagan, Albert. *Which Systems Analysts Are More Likely to Prototype?* Summer 1989, 36–43.
Sokol, Ellen W., and Bulyk, John C. *The Truth About Training.* Fall 1985, 74–77.
Souza, Eileen. *Strategies for Software Engineering Implementation.* Summer 1990, 33–37.
Spinello, Richard A. *Full Text Retrieval Systems: A New Dimension of Data Management.* Winter 1990, 53–60.
Stanton, Steven A. *End-User Computing: Power to the People.* Summer 1988, 79–81.
Stanton, Steven A., and Arkush, Eevelyn S. *End-User Computing and Business: Forming a More Perfect Union.* Fall 1987, 60–63.
———. *Measuring the Value of End-User Computing.* Fall 1988, 62–63.
———. *Third-Era Information Systems: Strategy Development Continued.* Spring 1987, 66–69.
Steele, Jean, and Bottomley, Dick. *Channeling the End-User Computing Initiative: A Case Study.* Spring 1988, 49–55.
Steinauer, Dennis D. *How to Protect Your Small Computer System.* Fall 1984, 23–31.
Stephenson, Blair Y. *Managing Information as a Corporate Asset.* Summer 1987, 82–84.
Stephenson, Blair Y., et al. *A Structured Approach to MIS Productivity Measurement.* Fall 1985, 34–42.
Stokes, Stewart L., Jr. *Building Effective Project Teams.* Summer 1990, 38–45.
Stonecipher, Ken. *Establishing a Comprehensive Microcomputer Administration Policy.* Winter 1986, 15–21.
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———. *Integrated Technology? Not Until There Are Integrated Organizations.* Spring 1986, 54–57.
———. *MIS Opportunities in Facilities Management.* Fall 1986, 61–65.
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Sumner, Mary. *A Strategy for Managing Office Automation Projects.* Spring 1986, 28–34.
———. *User-Developed Applications: What Are They Doing?* Fall 1986, 37–46.
Svigals, Jerome. *Improved Security with Integrated Circuit Cards.* Spring 1988, 32–38.
Swider, Gaile A. *Ten Pitfalls of Information Center Implementation.* Winter 1988, 22–28.

Tamm, Edward, and Labovitz, Judy. *Building an Information Culture—A Case Study.* Fall 1987, 39–41.
Taute, Barbara J. *Maintenance Quality Assurance.* Summer 1985, 48–50.
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Ten Dyke, Richard P. *Outlook on Artificial Intelligence.* Fall 1984, 10–16.
Thompson, H. Paul. *Increasing Data Communications Control Through System Simulation.* Winter 1987, 29–38.
Thorn, Ron G., Guynes, Jan L. and Guynes, C. Stephen. *Strategic and Operational Issues for the Successful Information Center.* Spring 1990, 15–22.
———. *The Impact of Transborder Data Flow Regulation.* Summer 1990, 70–73.
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More Than It Costs, Buy It! Summer 1987, 85–89.
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———. *How to Make the Most of an MIS Steering Committee.* Summer 1984, 13–19.
———. *The Impending IS Crisis.* Winter 1990, 61–64.
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———. *Upgrading the Computer.* Winter 1985, 29–35.
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Vacca, John R. *The Information Center's Critical Post-Start-up Phase.* Spring 1985, 50–56.
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Van Tran, Hien, *Successful DSS Development with Traditional Tools and Techniques.* Summer 1990, 46–55.
Vedder, Richard G., and Gibson, Michael L. *Tools and Techniques for Use in Decision Support Systems.* Spring 1989, 42–50.
Venkatakrishnan, V., and Valderrabano, J.L. *Business Impact of Strategic Data Planning.* Winter 1990, 48–52.
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———. *Selling the Plan.* Fall 1989, 69–71.
———. *Strategic Importance of the User.* Summer 1988, 82–84.
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———. *"Us Versus Them": How Poor User Relations Hurt MIS Planning.* Summer 1986, 63–65.
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Wannemacher, Richard A., Gilbert, Kenneth C., and Reeve, James M. *Improving Information System Efficiency Through Statistical Process Control.* Spring 1990, 8–14.
Ward, Gerald M., and Perkins, William M. *A Three-Step Approach to Microcomputer Security Controls.* Spring 1985, 17–23.
Watson, Hugh J., and Mann, Robert I. *Expert Systems: Past, Present, and Future.* Fall 1988, 39–46.
Weinberg, Gerald M. *Systant: A New Name for an Old Role.* Winter 1986, 50–53.
Weinberg, Gerald M. and Daniela. *The Fuzzy Early Stages.* Winter 1984, 71–75.
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———. *What Do Users Really Want? Part I.* Spring 1985, 68–71.
———. *What Do Users Really Want? Part II.* Summer 1985, 39–41.
Weinberg, Randy, Guimaraes, Tor, and Heath, Richard. *Object-Oriented Systems Development.* Fall 1990, 18–26.
Weiss, Ira R., Alavi, Maryam, and Nelson, R. Ryan. *Managing End-User Computing as a Value-Added Resource.* Summer 1988, 26–35.
Weldon, Jay-Louise. *Data Base Interfaces.* Spring 1988, 80–82.
———. *A Case for Active Data Dictionaries: Lessons from the Microcomputer World.* Summer 1985, 42–45.
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Wetherbe, James C., and Lehman, John A. *A Survey of 4GL Users and Applications.* Summer 1989, 44–52.
Wetherbe, James, and Leitheiser, Robert L. *Information Centers: A Survey of Services, Decisions, Problems, and Successes.* Summer 1985, 3–10.
Wilkes, Ronald B., and McLean, Ephraim R. *Computer Operations: A Case of Management Neglect.* Spring 1990, 73–76.
Wright, David M., and Gallegos, Frederick. *Evaluating Data Security: The Initial Review.* Spring 1988, 8–15.
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Book Reviews

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Planning the Integration of Information Technology into Business Curricula. Khan, M.B. Summer 1988, 49–54.

End-User Computing

Approaches to End-User Computing: Service May Spell Success. Leitheiser, Robert L., and Wetherbe, James. Winter 1986, 9–14.
The Benefits and Problems of User Computing. Guimaraes, Tor. Fall 1984, 3–9.
Beyond End-User Computing: Managing in the Third Era. Arkush, Eevelyn. Spring 1986, 58–60.
A Business Approach to Cracking the Applications Backlog. Severson, Eric, and Kozar, Kenneth A. Winter 1988, 17–21.
Channeling the End-User Computing Initiative: A Case Study. Steele, Jean, and Bottomley, Dick. Spring 1988, 49–55.
Coming to Terms with End-User Systems Integration. Porter, Leslie R., and Gogan, Janis L. Winter 1988, 8–16.
Coping with the Perils of Expanding PC Use. King, John L. Fall 1986, 66–70.
Documentation Standards for User-Developed Applications. Pierson, J.K., Forcht, Karen A., and Moates, William H. Winter 1988, 78–80.
Dysfunctional User Behavior in Systems Development. Lin, Engming, and Hsieh, Chang-tseh. Winter 1990, 87–89.
End-User Computing and Business: Forming a More Perfect Union. Arkush, Eevelyn, and Stanton, Steven A. Fall 1987, 60–63.
End-User Computing: Power to the People. Stanton, Steven A. Summer 1988, 79–81.
Human Resource Management: Guidelines for Effective Introduction of Microcomputer Technology. Pliskin, Nava. Spring 1989, 51–58.
Managing End-User Computing as a Value-Added Resource. Alavi, Maryam, Nelson, R. Ryan, and Weiss, Ira. Summer 1988, 26–35.
Managing Micro Proliferation. Huff, Sid L., and Munro, Malcolm C. Fall 1989, 72–75.
Measuring the Value of End-User Computing. Stanton, Steven A., and Arkush, Eevelyn. Fall 1988, 62–63.
Motivating User Acceptance for Integrated Office Support Systems. Fried, Louis. Summer 1986, 50–55.
The Myth of the Sophisticated User. Karten, Naomi. Winter 1988, 81–83.
On Managing Change. Mazursky, Alan D. Winter 1985, 67–72.
Staffing to Support End-User Computing in the 1990s. Karten, Naomi. Summer 1990, 67–69.
Strategic Thinking and the Personal Computer: Some Policy Considerations. Raho, Louis E., and Belohav, James A. Fall 1986, 52–57.
Third-Era Information Systems: Strategy Development. Arkush, Eevelyn. Fall 1986, 75–77.
Third-Era Information Systems: Strategy Development Continued. Arkush, Eevelyn, and Stanton, Steven A. Spring 1987, 66–69.

Training for Users as a Management Issue. Chrisman, Carol, and Beccue, Barbara. Summer 1990, 56–62.
User-Developed Applications: What Are They Doing? Sumner, Mary. Fall 1986, 37–46.
User-Friendly Applications Development in a Relational Data Base Environment. Lin, Chang-Yang. Spring 1988, 45–48.

Ethics

The Importance of Ethical Standards and Computer Crime Laws for Data Security. Gardner, Ella Paton, et al. Fall 1989, 42–50.

Executive Information Systems

Case Study: Evaluating IS by Using an Executive Information System. Kallman, Ernest A., and McKinnon, William P. Fall 1989, 58–68.
Executive Information Systems: An Overview of Development. Reck, Robert H., and Hall, James R. Fall 1986, 25–30.
Executive Information Systems: Successes and Failures, Insights and Misconceptions. Friend, David. Fall 1986, 31–36.
Implementing an Executive Information System: Seven Steps for Success. Barrow, Craig. Spring 1990, 41–46.
Low-Cost Approaches to Executive Information Systems. O'Shea, Timothy J. Spring 1989, 34–41.

Expert Systems

Business Strategy Advisor: An Expert Systems Implementation. Schumann, Matthias, et al. Spring 1989, 16–24.
Design Issues for Intelligent Microcomputer-Based Decision Support Systems. Chu, Chao-Hsien. Spring 1989, 25–33.
Enhancing a DBMS Through the Use of an Expert System. Kennedy, Andrew J., and Yen, David C. Spring 1990, 55–61.
Expert Systems and Groupware. Gray, Paul. Spring 1989, 90–92.
An Expert Systems Forecast. Liebowitz, Jay. Spring 1990, 69–72.
Expert Systems: Past, Present, and Future. Watson, Hugh J., and Mann, Robert I. Fall 1988, 39–46.
A Guide to Selecting Expert Systems Applications. Lu, Ming-te, and Guimaraes, Tor. Spring 1989, 8–15.
Professional Workstations: Serenity at the Edge of the Envelope. Ryan, Hugh W. Spring 1989, 59–65.

Feasibility Analysis

Determining Economic Feasibility: Four Cost/Benefit Analysis Methods. Dué, Richard T. Fall 1989, 14–19.

Fiber Optics

An Illuminating Look at Fiber-Optic Transmission Systems. Held, Gilbert. Winter 1987, 39–47.

Fourth-Generation Languages

MIS Professionals' Attitudes Toward and Perceptions of 4GLs. Khosrowpour, Mehdi, and Lanasa, John M. Fall 1989, 51–57.
Reducing the Applications Backlog with 4GLs. Campbell, Donald F. Fall 1985, 8–13.
A Survey of 4GL Users and Applications. Lehman, John A., and Wetherbe, James C. Summer 1989, 44–52.

General Management

Aligning IS with User Expectations. Caravella, Robert T. Spring 1989, 76–82.
Building Effective Project Teams. Stokes, Stewart L., Jr. Summer 1990, 38–45.
Case Study: Managing IS Through Turbulent Times. Caravella, Robert T. Winter 1990, 30–41.
CIO Challenges in the Changing MIS Environment. Hayley, Kathryn J. Summer 1989, 8–13.
Dinosaurs of the Information World. Gibson, Michael L., and Cross, Bob. Summer 1987, 57–60.
Evaluating the Effectiveness of the IS Management Support System. Morino, Mario M. Summer 1988, 55–59.
The Importance of Ethical Standards and Computer Crime Laws for Data Security. Gardner, Ella Paton, et al. Fall 1989, 42–50.
Management for Quality Data Processing. Smith, Daniel L. Spring 1986, 40–42.
Managing a Small MIS Shop. Norris, Richard L., and Lem, Darrall. Winter 1989, 91–95.
Meeting the IS Challenge: A Success Story. Caravella, Robert T. Winter 1989, 68–72.
The Transformation of Computing: Riding the Wave. Fabian, Robert. Spring 1987, 87–89.

Groupware

Expert Systems and Groupware. Gray, Paul. Spring 1989, 90–92.

Hardware Maintenance

The Brave New World of Service. Elliott, Thomas R. Summer 1988, 63–65.
The Growth of the Third-Party Maintenance Industry. International Resource Development Inc. Winter 1988, 38–41.

Human Resource Management

Human Resource Management: Guidelines for Effective Introduction of Microcomputer Technology. Pliskin, Nava. Spring 1989, 51–58.
An MIS Manager's Guide to Hiring Programmers. Ruhl, Janet. Spring 1990, 47–54.
Personnel Management: Personal Styles and Behavior Patterns. Novak, Jonathan B. Winter 1989, 44–54.

Industry Trends

The Brave New World of Service. Elliott, Thomas R. Summer 1988, 63–65.
A CEO's View of Systems Integration. Hoover, William R. Summer 1989, 81–86.
CIO Challenges in the Changing MIS Environment. Hayley, Kathryn J. Summer 1989, 8–13.
Economic Concentration in the Computer Industry: Should You Be Worried? Elliott, Thomas R. Spring 1988, 68–71.
Factors Influencing the Growth of the MIS Department: A Survey. Farhoomand, Farzad, and Gatehouse, Mark. Spring 1988, 56–60.

The Impact of Focused Marketing. Elliott, Thomas R. Fall 1988, 74–75.
The Limits to Growth. Elliott, Thomas R. Summer 1987, 61–65.
Rallying Round the Standard(s). Elliott, Thomas R. Winter 1988, 58–60.
Rethinking the Fundamentals. Elliott, Thomas R. Summer 1989, 62–64.
Seamless Systems Integration. Gitomer, Jerry. Summer 1989, 77–80.
Vendor Shakeouts, Mergers, and Strategic Alliances: The Impact on User Organizations. Elliott, Thomas R. Fall 1987, 57–59.

Information Center

Establishing Effective Information Center User Groups. Crouse, Roger L. Spring 1987, 41–47.
The Information Center's Critical Post-Start-up Phase. Vacca, John R. Spring 1985, 50–56.
Information Centers: A Survey of Services, Decisions, Problems, and Successes. Wetherbe, James, and Leitheiser, Robert L. Summer 1985, 3–10.
MIS's Role in Determining Information Center Services. Carr, Houston H., Young, Dale, and Rainer, Rex Kelly, Jr. Spring 1990, 33–40.
A New Challenge: The Information Center. Hearn, Steve. Winter 1984, 16–23.
New Environments, New Organizations: Who Manages the Evolving MIS Challenge? Huggings, Lawrence A., and Flynn, A. John. Winter 1989, 85–88.
Staffing the Information Center for Long-Term Success. Arnoudse, Donald, and Ouellette, L. Paul. Winter 1986, 78–80.
Strategic and Operational Issues for the Successful Information Center. Thorn, Ron G., Guynes, Jan L., and Guynes, C. Stephen. Spring 1990, 15–22.
Ten Pitfalls of Information Center Implementation. Swider, Gaile A. Winter 1988, 22–28.
User-Friendly Controls in the Information Center. Metz, Galen. Spring 1988, 25–31.

Information Resource Management

A Case for Active Data Dictionaries: Lessons from the Microcomputer World. Weldon, Jay-Louise. Summer 1985, 42–45.
Data Transformation—What's in a Name? Folea, Richard V. Spring 1987, 63–65.
The Emergence of the Comprehensive Information Management System. Ryan, Hugh W. Winter 1987, 63–70.
Managing Data. Weldon, Jay-Louise. Winter 1984, 76–78.
Who Owns the Data? Weldon, Jay-Louise. Winter 1986, 54–57.

Integration

Closed-Architecture Systems. Mazursky, Alan D. Summer 1989, 73–76.
Integrating Islands of Automation: The Factory Floor Network. Zailyk, Stephen T. Summer 1989, 68–72.
More Than a Medicine Show: Evaluating New Technologies. Christoff, Kurt. Fall 1987, 72–73.
Organizing for the Merging Technologies in Information Management. Jackson, Leon. Winter 1987, 88–90.
Rallying Round the Standard(s). Elliott, Thomas R. Winter 1988, 58–60.
Seamless Systems Integration. Gitomer, Jerry. Summer 1989, 77–80.

Interviews

AI and Expert Systems. Harris, Larry R. Spring 1989, 93–96.
A CEO's View of Systems Integration. Hoover, William R. Summer 1989, 81–86.
Changes in Organizational Structure. Drucker, Peter F. Winter 1987, 91–96.
Decentralization at Lear Siegler. DeJarnett, Larry. Winter 1986, 81–84.
The Importance of a Quality Improvement Program. Munson, John B. Summer 1990, 83–88.
Information Services in Banking. Barmann, Mark. Fall 1988, 84–88.
Information Systems as a Competitive Weapon. Janulaitis, M. Victor. Fall 1986, 88–92.
Information Systems Planning and Integration. Reynolds, Carl H. Spring 1988, 92–95.
Long-Range Planning at the Los Angeles County DP Department. Hayes, Edgar H. Spring 1986, 73–76.
Managing IS at IBM. Rully, A. Donald. Winter 1988, 86–88.
Managing MIS Like a Business. Morino, Mario M. Fall 1987, 76–78.
Managing a Small MIS Shop. Norris, Richard L., and Lem, Darrall. Winter 1989, 91–95.
The Role of the Chief Information Officer. Williams, Carl C. Summer 1986, 81–84.
The Role of Information in Small Companies. Eagle, John. Summer 1987, 90–92.
Running MIS as a Profit and Loss Center. Mersereau, Susan M. Winter 1990, 94–96.
The State of MIS. Drucker, Peter F. Spring 1987, 92–96.
The Status of and Business's Role in IS Education. Watson, Hugh J. Fall 1990, 87–91.

Legal Issues

Legal Issues Liability for Failed Software. Massey, David. Fall 1988, 47–53.

Local Area Networks

Broadband LANs: Do the Advantages Outweigh the Limitations? Slone, John P. Summer 1986, 45–49.
Choosing Between Minicomputers and Local Area Networks. De Bruyn, Katherine Aschner. Spring 1985, 75–78.
LANs—Today and Tomorrow. Gitomer, Jerry. Summer 1987, 78–81.
Local Area Networks: Compatibility Versus Connectivity. Zielke, Gary. Winter 1985, 87–90.
Local Area Networks—What About Performance? Zielke, Gary. Spring 1987, 76–79.
What You Should Know About Local Area Networks. Conard, James W. Spring 1984, 18–24.

Long-Range Planning

Technology-Driven Long-Range Planning. Carlson, Christopher K., Gardner, Ella P., and Ruth, Stephen R. Summer 1989, 24–29.

Management Control

Data Feeding/Data Consuming: Problems and Solutions. Te'eni, Dov. Spring 1990, 23–32.
Improving Information System Efficiency Through Statistical Process Control. Gilbert, Kenneth C., Reeve, James M., and Wannemacher, Richard A. Spring 1990, 8–14.
MIS's Role in Determining Information Center Services. Carr, Houston H., Young, Dale, and Rainer, Rex Kelly, Jr. Spring 1990, 33–40.
Strategic and Operational Imperatives for the Successful Information Center. Thorn, Ron G., Guynes, Jan L., and Guynes, C. Stephen. Spring 1990, 15–22.

Management Information Systems

Management Systems: Four Options, One Solution. Bullers, William I., and Reid, Richard A. Spring 1987, 54–62.

Management Support Systems

Aligning IS with User Expectations. Caravella, Robert T. Spring 1989, 76–82.
Tools and Techniques for Use in Decision Support Systems. Gibson, Michael L., and Vedder, Richard G. Spring 1989, 42–50.

Manufacturing

Implementing a Manufacturing Information System. Shah, Shashi K. Winter 1990, 8–13.
Robotics Applications in Manufacturing. Attaran, Mohsen. Winter 1990, 14–21.
Systems Support of Just-in-Time Manufacturing. Roberts, John W. Winter 1990, 22–29.

Microcomputers

Acquiring and Using Microcomputers. Mazursky, Alan D. Winter 1984, 47–57.
Corporate Policies for Effective Microcomputer Use. Mazursky, Alan D. Summer 1984, 82–84.
Design Issues for Intelligent Microcomputer-Based Decision Support Systems. Chu, Chao-Hsien. Spring 1989, 25–33.
Establishing a Comprehensive Microcomputer Administration Policy. Stonecipher, Ken. Winter 1986, 15–21.
Evaluating Microcomputer DBMSs. Chu, Chao-Hsien, and Lin, Hsin-Hui. Spring 1989, 69–75.
How to Select the Right Small Computer. Moody, H. Gerald. Spring 1984, 25–36.
Human Resource Management: Guidelines for Effective Introduction of Microcomputer Technology. Pliskin, Nava. Spring 1989, 51–58.
Introducing Micros into Large Organizations—A Checklist of Problems and Solutions. Painter, William J. Winter 1988, 29–31.
Managing Micro Proliferation. Huff, Sid L., and Munro, Malcolm C. Fall 1989, 72–75.
New Trends in Microcomputer Support. Mazursky, Alan D. Summer 1985, 46–47.
PCs for Document Management Systems. De Bruyn, Katherine Aschner. Winter 1989, 78–84.
Seamless Systems Integration. Gitomer, Jerry. Summer 1989, 77–80.
Strategies for Effective Microcomputer Management. Kleinberg, Eugene R. Winter 1986, 27–35.
Toward Understanding the Microcomputer Management Function. Mazursky, Alan D. Spring 1984, 82–84.

Micro-Mainframe Links

The Benefits and Pitfalls of the Microcomputer-Mainframe Link. Klenk, Robert. Spring 1985, 3–9.

MIS Economics

Budgets, Blood, and Turnips. Ryan, Hugh W. Fall 1989, 76–80.
Determining Economic Feasibility: Four Cost/Benefit Analysis Methods. Dué, Richard T. Fall 1989, 14–19.
Enterprisewide Information Economics: Latest Concepts. Parker, Marilyn M., and Benson, Robert J. Fall 1989, 7–13.
Methods of Quantifying the Value of Office Automation. Schumann, Matthias. Fall 1989, 20–29.
MIS Budget Cutbacks: Alternative Actions for MIS Managers. Khan, M.B., and Kukalis, Sal. Fall 1989, 30–35.
Of Dollars and CASE. Gray, Paul. Fall 1989, 84–86.

Molecular Computing

Rethinking the Fundamentals. Elliott, Thomas R. Summer 1989, 62–64.

Networks

Evaluating the Need for Network Design Software. Zielke, Gary. Winter 1986, 64–66.
Integrating Islands of Automation: The Factory Floor Network. Zailyk, Stephen T. Summer 1989, 68–72.
New Environments, New Organizations: Who Manages the Evolving MIS Challenge? Huggins, Lawrence A., and Flynn, A. John. Winter 1989, 85–88.
The Transition from TCP/IP to OSI. Lynch, Daniel C. Fall 1990, 48–52.

Obsolete Systems

Alternatives to Replacing Obsolete Systems. Loev, Gerald, and Mangurian, Glenn E. Fall 1984, 89–93.

Office Automation

Avoiding the 10 Common Pitfalls in Office Automation. James, Philip N. Summer 1984, 3–12.
The Critical Role of the OA Manager. De Bruyn, Katherine Aschner. Spring 1986, 66–68.
File Management in the Almost Paperless Office. De Bruyn, Katherine Aschner. Spring 1987, 80–84.
Files Management in the Pre-Paperless Office. De Bruyn, Katherine Aschner. Fall 1986, 78–81.
Finding and Positioning an Office Automation Manager. Umberger, Daniel W. Spring 1985, 31–39.
From Word Processing to Office Automation. De Bruyn, Katherine Aschner. Fall 1985, 61–66.
Human Resource Management: Guidelines for Effective Introduction of Microcomputer Technology. Pliskin, Nava. Spring 1989, 51–58.
Making Automation Fit the Office. Leventhal, Naomi. Winter 1986, 22–26.
Methods of Quantifying the Value of Office Automation. Schumann, Matthias. Fall 1989, 20–29.
Microfilm in the Automated Office. De Bruyn, Katherine Aschner. Winter 1988, 66–71.

An MIS Manager's Guide to Office Automation. De Bruyn, Katherine Aschner. Winter 1984, 79–83.
PC Positioning: From DOS to OS/2. De Bruyn, Katherine Aschner. Summer 1989, 53–57.
PCs for Document Management Systems. De Bruyn, Katherine Aschner. Winter 1989, 78–84.
A Practical Guide to OA Feasibility Studies. De Bruyn, Katherine Aschner. Fall 1984, 85–88.
Strategic Planning for Office Automation. De Bruyn, Katherine Aschner. Spring 1984, 76–81.
A Strategy for Managing Office Automation Projects. Sumner, Mary. Spring 1986, 28–34.
A Systematic Approach to Long-Term Planning for OA Implementation. Hurtado-Sanchez, Luis. Summer 1985, 26–34.
Update on Word Processing. De Bruyn, Katherine Aschner. Fall 1988, 71–73.

Operating Systems

The Economics of UNIX. King, John Leslie. Winter 1990, 80–86.
Evaluating OS/2. Gitomer, Jerry. Winter 1988, 72–73.
Innovative Computing with UNIX. Griesner, Steve. Fall 1987, 8–19.
PC Positioning: From DOS to OS/2. De Bruyn, Katherine Aschner. Summer 1989, 53–57.

Optical Computing

Optical Computing: Evolution or Revolution? Hutcheson, Lynne D. Spring 1988, 83–89.

Performance Measurement

Measuring System Performance with Software Monitors. Gitomer, Jerry. Summer 1984, 50–55.

Personnel Issues

CIO Challenges in the Changing MIS Environment. Hayley, Kathryn J. Summer 1989, 8–13.
Ethics for Information Systems Personnel. Parker, Donn B. Summer 1988, 44–48.
The Importance of Ethical Standards and Computer Crime Laws for Data Security. Gardner, Ella Paton, et al. Fall 1989, 42–50.
New Challenges in Motivating MIS Personnel. Couger, J. Daniel. Fall 1989, 36–41.
Personnel Management: Personal Styles and Behavior Patterns. Novak, Jonathan B. Winter 1989, 44–54.
Software Consultants: Getting Your Money's Worth. Broyles, Diane. Fall 1989, 81–83.

Privacy

Information Privacy and the MIS Manager. Lautsch, John C. Spring 1985, 79–87.
Professional Responsibility for Information Privacy. Auerbach, Isaac L. Winter 1985, 77–81.
Protecting Privacy of Information. Scoma, Louis, Jr. Summer 1986, 79–80.

Productivity

An Experiment in Productivity: The Use of Home Terminals. Carlson, C. Richard. Fall 1990, 36–41.
Improving Meeting Effectiveness Through Augmented Support. Meyer, N. Dean, and Bulyk, John C. Summer 1985, 63–67.
Improving Productivity in Systems Development. Umbaugh, Robert E. Summer 1984, 91–92.
Information Systems Investment Strategies. Bryan, Eugene F. Fall 1990, 27–35.
Managing for Productivity and Control. Gilhooley, Ian A. Summer 1986, 70–73.
New Challenges in Motivating MIS Personnel. Couger, J. Daniel. Fall 1989, 36–41.
Object-Oriented Systems Development. Weinberg, Randy, Guimaraes, Tor, and Heath, Richard. Fall 1990, 18–26.
Of Dollars and CASE. Gray, Paul. Fall 1989, 84–86.
Productivity Through Automation. Ryan, Hugh W. Fall 1990, 57–60.
Productivity Versus Performance: A Stalemate: Weldon, Jay-Louise. Summer 1986, 66–69.
Reshaping IS Strategic Planning. Atkinson, Robert A., and Montgomery, Judith. Fall 1990, 9–17.
A Structured Approach to MIS Productivity Measurement. Stephenson, Blair Y., et al. Fall 1985, 34–42.

Professional Workstations

Professional Workstations: Serenity at the Edge of the Envelope. Ryan, Hugh W. Spring 1989, 59–65.

Programming Languages

MIS Professionals' Attitudes Toward and Perceptions of 4GLs. Khosrowpour, Mehdi, and Lanasa, John. Fall 1989, 51–57.
The Power of Ada. Eliot, Lance B. Fall 1987, 27–29.

Project Management

Building Effective Project Teams. Stokes, Stewart L., Jr. Summer 1990, 38–45.
Establishing a Project Management Methodology. Stanley, Frank J. Fall 1988, 15–24.
Managing Large Subcontracted Projects. Ahituv, Niv, et al. Summer 1984, 27–32.
Project Management for a Change. Kirby, Edward. Spring 1984, 85–88.
The Project Manager: An Emerging Professional. Carter, Norman. Fall 1988, 8–14.
Project Scheduling for Maximum IS Productivity. Brooks, Dorothy. Fall 1988, 32–38.
Selecting and Implementing Project Management Software. Bienkowski, Danek. Fall 1988, 25–31.
User Roles and Responsibilities. Beath, Cynthia Mathis. Fall 1988, 54–61.
Why Systems Development Projects Fail. Keider, Stephen P. Summer 1984, 33–38.

Prototyping

Productive Systems Development with Prototyping. Gilhooley, Ian A. Spring 1987, 15–22.
Prototyping Business Applications Within the Traditional Life Cycle. Huffaker, Debra. Fall 1986, 71–74.
A Prototyping Case Study. Smith, Peter M. Summer 1985, 20–25.
Specifying System Requirements: A Framework of Current Techniques. Yaverbaum, Gayle J. Winter 1989, 17–21.

The Ten Commandments of Prototyping. Klingler, Daniel E. Summer 1988, 66–72.
Which Systems Analysts Are More Likely to Prototype? Sobol, Marion G., and Kagan, Albert. Summer 1989, 36–43.

Quality Assurance

Maintenance Quality Assurance. Taute, Barbara J. Summer 1985, 48–50.

Request for Proposal

How to Develop Effective RFP's. Guerrieri, John A., Jr. Fall 1984, 40–47.

Resource Planning

DP Resource Planning. Umbaugh, Robert E. Spring 1986, 17–27.

Robotics

Robotics Applications in Manufacturing. Attaran, Mohsen. Winter 1990, 14–21.
Robotics: The Coming Challenge for MIS Managers. Huggins, Lawrence P. Fall 1985, 3–7.

Security and Control

Developing a Healthy Security Posture. Scoma, Louis, Jr. Winter 1986, 61–63.
Evaluating Data Security: The Initial Review. Gallegos, Frederick, and Wright, David M. Spring 1988, 8–15.
Fighting Computer Crime with Software Risk Analysis. Mohr, Joseph H., and Ruckh, Patrick. Spring 1984, 9–17.
How to Manage the Implementation of a Security Software Package. Chalmers, Leslie S. Winter 1985, 7–12.
How to Protect Your Small Computer System. Steinauer, Dennis D. Fall 1984, 23–31.
The Impact of Transborder Data Flow Regulation. Guynes, Jan L., Guynes, C. Stephen, and Thorn, Ron G. Summer 1990, 70–73.
The Importance of Ethical Standards and Computer Crime Laws for Data Security. Gardner, Ella Paton, et al. Fall 1989, 42–50.
Improved Security with Integrated Circuit Cards. Svigals, Jerome. Spring 1988, 32–38.
Passwords, User-IDs, and Security Codes. Ross, Steven J., and Chalmers, Leslie. Spring 1988, 16–24.
Security During System Recovery and Repair. Axelrod, C. Warren. Winter 1990, 42–47.
Security Policy in the PC Environment. Scoma, Louis, Jr. Spring 1987, 85–86.
A Three-Step Approach to Microcomputer Security Controls. Ward, Gerald M., and Perkins, William M. Spring 1985, 17–23.
User-Friendly Controls in the Information Center. Metz, Galen. Spring 1988, 25–31.

Software

Adopting Noncommercial Application Software. Orli, Richard J. Winter 1989, 55–60.
All About Software Maintenance: 50 Questions and Answers. Osborne, Wilma M. Summer 1988, 36–43.
Approaches to Software Engineering. Oliver, Paul. Summer 1985, 11–19.
Brittle Software: A Programming Paradox. Bassett, Paul G. *Summer 1987, 8–14.*
Coding Software—The Right Way. Schuff, Fred. Winter 1987, 76–81.
Documentation of Structured Software Development. Klingler, Daniel E. Fall 1987, 30–38.
Finding the Right Software Package. Wenig, Raymond P. Winter 1984, 63–70.
A Practical Software Configuration Management Plan. Khan, M.B. Winter 1986, 42–45.
Reducing Software Maintenance Costs with Benchmarking. Connell, John, and Shafer, Linda. Summer 1987, 22–28.
Selecting and Implementing Project Management Software. Bienkowski, Danek. Fall 1988, 25–31.
Strategies for Software Engineering Implementation. Souza, Eileen. Summer 1990, 33–37.

Staffing

The Changing Face of Computer Literacy. Delaney, Chester. Summer 1984, 85–87.
CIO Challenges in the Changing MIS Environment. Hayley, Kathryn J. Summer 1989, 8–13.
The Development of Technical Managers. Delaney, Chester. Winter 1985, 73–76.
The Hardware/Personnel Cost Relationship: Separating Fact from Fancy. Inmon, William H. Spring 1987, 48–53.
Human Resource Planning: A Business Necessity. Schrager, Stanley, and Delaney, Chester. Summer 1986, 51–54.
IRM at FMC Corp: Managing the Human Resource Side of Technology Integration. Ansel, Leslie. Summer 1985, 25–30.
An MIS Manager's Guide to Hiring Programmers. Ruhl, Janet. Spring 1990, 47–54.
The MIS Manager's New Role as Effective Communicator. George, Linda L. Fall 1987, 68–71.
Personnel Management: Personal Styles and Behavior Patterns. Novak, Jonathan B. Winter 1989, 44–54.
Perspectives on Staff Development for Senior MIS Management. Delaney, Chester. Summer 1986, 8–12.
Programmer Training and Development for the Small Shop. McMillan, Thomas C., and Moran, Bryan P. Summer 1986, 31–36.
Staffing the Microcomputer Resource Center. Mazursky, Alan D. Fall 1984, 74–77.
A Systems Career Model. Delaney, Chester. Winter 1986, 67–75.

Steering Committees

How to Make the Most of an MIS Steering Committee. Umbaugh, Robert E. Summer 1984, 13–19.

Storage Devices

Planning for the Solid-State Millennium. Houston, Gerald W. Spring 1988, 39–44.

Strategic Planning

Beyond Transactional Systems. Wallace, Robert E. Winter 1989, 65–67.
Building a Business Information Model. Meador, Jo Guasasco. Fall 1990, 42–47.
Business Strategy Advisor: An Expert Systems

Implementation. Schumann, Matthias, et al. Spring 1989, 16–24.
The Changing Approach to Systems Planning. Sullivan, Cornelius H., Jr. Summer 1988, 8–13.
Enterprisewide Information Management: State-of-the-Art Strategic Planning. Parker, Marilyn M., and Benson, Robert J. Summer 1989, 14–23.
Framing Organization Strategy. Wallace, Robert E. Winter 1987, 71–73.
Helping Users Help Themselves. Wallace, Robert E. Winter 1990, 65–67.
Integrating Departmental Computing into the MIS Strategic Plan. Wallace, Robert E. Fall 1985, 58–60.
Managing Applications as a Software Portfolio. Venner, Gary S. Summer 1988, 14–18.
The MIS Strategic Planning Process. Wallace, Robert E. Winter 1984, 93–96.
The Motivations for Strategic Planning. Atkinson, Robert A. Fall 1990, 53–56.
New Environments, New Organizations: Who Manages the Evolving MIS Challenge? Huggins, Lawrence A., and Flynn, A. John. Winter 1989, 85–88.
Output Planning: Giving Managers What They Really Need. Wallace, Robert E. Winter 1988, 61–62.
Overcoming Resistance to Strategic and Executive IS Planning and Implementation. Stretch, Terrance T. Winter 1988, 63–65.
Propositions for Building an Effective Process. Moynihan, John A. Spring 1988, 61–64.
Reshaping IS Strategic Planning. Atkinson, Robert A., and Montgomery, Judith. Fall 1990, 9–17.
Selling the Plan. Wallace, Robert E. Fall 1989, 69–71.
Strategic Importance of the User. Wallace, Robert E. Summer 1988, 82–84.
Strategic Information Systems: Current Research Issues. Trippi, Robert R., and Salameh, Tamer T. Summer 1989, 30–35.
Strategic Planning and Change. Wallace, Robert E. Fall 1987, 49–51.
Technology-Driven Long-Range Planning. Carlson, Christopher K., Gardner, Ella P., and Ruth, Stephen R. Summer 1989, 24–29.
The Three Domains of Information Systems Planning. Sinclair, Stuart W. Spring 1986, 8–16.
What If You Don't Plan? Wallace, Robert E. Fall 1988, 78–80.
Why Strategic Planning? Wallace, Robert E. Spring 1986, 49–51.
When It's Time for a Change. Wallace, Robert E. Spring 1989, 66–68.

Succession Planning

Guaranteeing Management's Future Through Succession Planning. Carter, Norman H. Summer 1986, 13–24.

Supercomputers

Supercomputers: Influencing Tomorrow's General-Purpose Hardware. Gitomer, Jerry. Summer 1986, 74–76.

Systems Analysis

Specifying System Requirements: A Framework of Current Techniques. Yaverbaum, Gayle J. Winter 1989, 17–21.

Systems Architecture

Closed-Architecture Systems. Mazursky, Alan D. Summer 1989, 73–76.
Standardizing Online Systems Architecture. Mushet, Michael L. Spring 1987, 8–14.

Systems Design

Accommodating Unique User Needs. James, Philip N. Spring 1988, 90–91.
Building the End-User Interface. McConnell, Vicki. Fall 1984, 78–84.
Designing User Interfaces: A Key to System Success. Houghton, Raymond C., Jr. Summer 1986, 56–62.
Design Issues for Intelligent Microcomputer-Based Decision Support Systems. Chu, Chao-Hsien. Spring 1989, 25–33.
Determining Who Will Benefit from Visual Interfaces. Gitomer, Jerry. Winter 1987, 85–87.
Developing User-Friendly Systems. Cohen, Henry B. Winter 1984, 32–39.
How to Be Your Own Consultant. Weinberg, Gerald and Daniela. Fall 1984, 66–69.
The Role of Constructive Diagrams in Systems Development. Sasso, William C. Winter 1989, 22–27.

Systems Development

Application Development Productivity Tools: A Survey of Importance and Popularity. Doke, E. Reed. Winter 1989, 37–43.
Assessing the Risk of New Technology. Ryan, Hugh W. Winter 1990, 68–72.
Avoiding the Pitfalls of Installing Vertical Market Software. Hansen, Gary W. Spring 1986, 43–48.
Beyond Transactional Systems. Wallace, Robert E. Winter 1989, 65–67.
Budgets, Blood, and Turnips. Ryan, Hugh W. Fall 1989, 76–80.
Designing Built-in System Controls. Even-Tsur, D., and Shulman, D. Winter 1989, 28–36.
Evaluating Methods of Systems Development: A Management Survey. Necco, Charles R. Winter 1989, 8–16.
Experimenting with the Envelope. Ryan, Hugh W. Spring 1988, 72–79.
The Importance of Setting IS Objectives. Peterson, Robert O. Winter 1989, 61–64.
The Importance of Userware. Strouse, Karen Gelman. Summer 1989, 58–61.
The Management Cycle: The Key to Control. Ryan, Hugh W. Spring 1990, 62–65.
A Methodology for Productive Systems Development. Gilhooley, Ian A. Winter 1986, 36–41.
Object-Oriented Systems Development. Weinberg, Randy, Guimaraes, Tor, and Heath, Richard. Fall 1990, 18–26.
Procedures and Practices for Conducting Postevaluation of Information Systems. Ahituv, Niv, et al. Spring 1986, 61–65.
Productivity Through Automation. Ryan, Hugh W. Fall 1990, 57–60.
Professional Workstations: Just Inside the Edge of the Envelope. Ryan, Hugh W. Fall 1988, 64–70.
Professional Workstations: Serenity at the Edge of the Envelope. Ryan, Hugh W. Spring 1989, 59–65.
Pushing the Outside of the Envelope. Ryan, Hugh W. Spring

1987, 73–75.
The Role of Constructive Diagrams in Systems Development. Sasso, William C. Winter 1989, 22–27.
Specifying System Requirements: A Framework of Current Techniques. Yaverbaum, Gayle J. Winter 1989, 17–21.
Structured Systems Planning. Highsmith, Jim. Spring 1987, 23–33.
Systems Analysis and Design. Gray, Paul. Winter 1989, 89–90.
Systems Diagramming Methods: Which Work Best? Baylin, Edward N. Summer 1987, 29–39.
The Ten Commandments of Prototyping. Klingier, Daniel E. Summer 1988, 66–72.
Why CASE is Not a Cure for Testing. Ryan, Hugh W. Summer 1990, 63–66.
Which Systems Analysts Are More Likely to Prototype? Sobol, Marion G., and Kagan, Albert. Summer 1989, 36–43.

Systems Integration

A CEO's View of Systems Integration. Hoover, William R. Summer 1989, 81–86.

Systems Maintenance

Life after Implementation: Managing System Maintenance. Mushet, Mike. Spring 1984, 55–65.

Tactical Planning

Beyond Transactional Systems. Wallace, Robert E. Winter 1989, 65–67.

Technology

Are You an IT Leader or an IT Laggard? Murray, Richard J. Fall 1990, 70–77.
A Strategy for Technology Management. Forgionne, Guisseppe A. Winter 1988, 42–51.
What's All the Fuss about Fax? Creswell, Dorothy A. Fall 1990, 78–81.

Technology Outlook

An Expert Systems Forecast. Liebowitz, Jay. Spring 1990, 69–72.
Geographic Information Systems: An Emerging Component of Decision Support. Grupe, Fritz H. Summer 1990, 74–78.
The Reality of Voice Processing: Applications Span a Range of Industries. Gottesman, Kyra. Winter 1989, 73–77.

Telecommuting

An Experiment in Productivity: The Use of Home Terminals. Carlson, C. Richard. Fall 1990, 36–41.
Telecommuting: Planning for a New Work Environment. Gordon, Gil E. Summer 1986, 37–44.

Training

The Role of Training in the Organization. Delaney, Chester. Winter 1984, 84–89.
The Specialist's Role in Computer Training Programs. Christensen, Dawn M. Fall 1990, 65–69.
Training for Users as a Management Issue. Chrisman, Carol, and Beccue, Barbara. Summer 1990, 56–62.
The Truth About Training. Sokol, Ellen W., and Bulyk, John C. Fall 1985, 74–77.

Upgrading

Upgrading the Computer. Umbaugh, Robert W. Winter 1985, 29–35.

User Groups

Solving Hardware and Software Problems with User Groups. Jones, Steve T. Fall 1984, 17–22.

User Interface

Breaking Down the Wall: MIS-User Job Rotation. Licker, Paul S. Spring 1985, 10–16.
Client Satisfaction: The Yardstick for Measuring MIS Success. Westcott, Russ. Fall 1985, 50–53.
The Fine Art of Communicating. James, Philip N. Spring 1987, 70.
The Fuzzy Early Stages. Weinberg, Gerald M. and Daniela. Winter 1984, 71–75.
How to Develop Service/Sales-Oriented MIS Professionals. Callahan, Brian. Winter 1984, 24–31.
The Importance of Setting IS Objectives. Peterson, Robert O. Winter 1989, 61–64.
The Importance of Userware. Strouse, Karen Gelman. Summer 1989, 58–61.
In Deepest Darkest Corporate America. Weinberg, Gerald M. and Daniela. Winter 1985, 63–66.
Intimidation. Weinberg, Gerald M. and Daniela. Fall 1985, 54–57.
Investing in People: A New Management Commitment. James, Philip N. Fall 1986, 58–60.
Seeing What Isn't There. Weinberg, Gerald M. and Daniela. Spring 1984, 66–71.
The Specialist's Role in Computer Training Programs. Christensen, Dawn M. Fall 1990, 65–69.
The Support Infrastructure. James, Philip N. Fall 1987, 66–67.
Systant: A New Name for an Old Role. Weinberg, Gerald M. Winter 1986, 50–53.
Teaching the Blind. Weinberg, Gerald M. and Daniela. Summer 1984, 66–69.
"Us Versus Them": How Poor User Relations Hurt MIS Planning. Wallace, Robert E. Summer 1986, 63–65.
What Do Users Really Want? Part I. Weinberg, Gerald M. and Daniela. Spring 1985, 68–71.
What Do Users Really Want? Part II. Weinberg, Gerald M. and Daniela. Summer 1985, 39–41.
What Is the User Interface? James, Philip N. Spring 1986, 52–53.

User Requirements

Aligning IS with User Expectations. Caravella, Robert T. Spring 1989, 76–82.

Vendor Management

Closed-Architecture Systems. Mazursky, Alan D. Summer 1989, 73–76.
Creating a Strategic Alliance with Information Technology Suppliers. Hellebust, Kent A. Winter 1988, 32–37.
Rallying Round the Standard(s). Elliott, Thomas R. Winter 1988, 58–60.
Successfully Managing the Multivendor Environment. Allen,

William H., Jr. Winter 1985, 13–20.

Voice Processing

The Reality of Voice Processing: Applications Span a Range of Industries. Gottesman, Kyra. Winter 1989, 73–77.

Voice Store-and-Forward

Voice Store-and-Forward Technology: How It Works, and Who Should Use It. Friedman, Rick. Winter 1986, 46–49.

Word Processing

The Case for Transferring Word Processing to PCs. McElroy, Mark. Summer 1987, 47–53.

Update on Word Processing. De Bruyn, Katherine Aschner. Fall 1988, 71–73.